

AMENDMENTS TO THE SPECIFICATION

Delete the Explanation of Symbols section from page 7, line 15 through and including page 9, line 4.

NR 3/6/04

Replace the paragraph beginning at page 9, line 22 with:

The evaporator 5 is placed inside a room in which air is to be cooled, meanwhile the other units are placed outside the room; then, the coolant pipes 6 are laid so that the coolant circulates among the units. Here, the evaporator 5 may also be placed outdoors, for example, in a railway platform. Regarding the units other than the radiator 3, the evaporator 5, and the condenser 11 that are needed to heat-exchange with air, necessary and sufficient heat insulation is maintained so that the efficiency does not decrease due to heat leakage.

NR 3/6/09

Replace the paragraph beginning at page 10, line 16 with:

In Fig. 1, an air conditioner 1 is composed of a compressor 2 as a first compressor for compressing coolant, a radiator 3 as a first radiator for radiating heat from the coolant, a coolant cooler 15 that is a coolant cooling means for cooling the coolant, a flow control valve 4 as a first flow control valve for controlling the coolant flow, and an evaporator 5 as a first evaporator for evaporating the coolant, which are sequentially connected by coolant pipes 6, and is configured in such a way that carbon dioxide as the coolant circulates. In the figure, the coolant flow is represented by arrows. A heat exchanging controller 16 is also provided as a heat-exchanging control means for controlling the heat-exchanging amount in the coolant cooler 15. The coolant that circulates in a vapor-compression refrigeration cycle configured of the compressor 2, etc. is also referred to as a first coolant.